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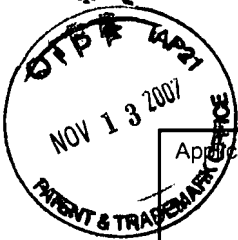
PTO/SB/17 (10-07)  
Approved for use through 06/30/2010. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FEE TRANSMITTAL</b> <b>For FY 2008</b>		<b>Complete if Known</b>		
		Application Number	10/643,404-Conf. #3999	
		Filing Date	August 18, 2003	
		First Named Inventor	Takayuki Tanaka	
		Examiner Name	B. Y. S. Kwon	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Art Unit	1614		
TOTAL AMOUNT OF PAYMENT	(\$)	1,758.00	Attorney Docket No.	59753(48185)

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
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<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: 04-1105
	Deposit Account Name: Edwards Angell Palmer & Dodge
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<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
						<b>Small Entity</b>	
						<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						210	105
Multiple dependent claims						370	185
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>		
4 - 20 =		x	=		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	
HP = highest number of total claims paid for, if greater than 20.							
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
2 - 3 =		x	=				
HP = highest number of independent claims paid for, if greater than 3.							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 100 =	/50 =	(round up to a whole number) x	=				
<b>4. OTHER FEE(S)</b>							
						<b>Fees Paid (\$)</b>	
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1501 Utility issue fee						1,440.00	
1504 Publication fee for early, voluntary, or normal ...						300.00	
8001 Printed copy of patent w/o color						18.00	

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	57,665
Name (Print/Type)	Dwight D. Kim, Ph.D.	Telephone	(617) 517-5588
		Date	November 13, 2007



Application No. (if known): 10/643,404

Attorney Docket No.: 59753(48185)

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